tech vogue & life

VoIP Phone

About This Guide

Thank you for your purchase ofOrgtel products ---- Orgtel entry-level IP phones. You have made an excellent choice, we hope you fully enjoy all the features of the product.

Orgtel is an innovative IP telephone for entry-level usage, to provide you basic VoIP features and beautiful sound quality.Orgtel fully comply with SIP protocol standard and Interconnection with the majority of SIP interoperability of hardware and software equipment of the market.

The content of this manual would change without prior notice.

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Part One Before Using 3195IF VoIP Phone

1-1. Package Content

Phone package should include below items

- 3195IB VoIP Phone Base Unit.
- 1 Handset
- 1 Coiled Handset Connecting Cord
- 1 Straight Ethernet Cable
- 1 Power Supply
- 1 User Guide
- 2 Wall Mount Brackets
- 1 Table Bracket

1-2. How to Assemble the Phone

- Connect the phone to Internet through WAN port
- Connect the phone to your PC through LAN port, using attached Ethernet cable
- Connect handset to phone base unit with coiled cord
- Connect brackets and wedge

As Desktop Phone

As Wall Mounting Phone

Insert the wedge

The wedge could be inserted as below two ways

Insert with narrow side down as Way No.1

Insert with narrow side up as Way No.2

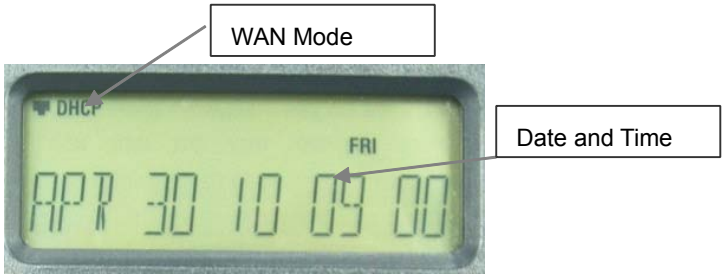
Way No.1 Way No.2

It is advisable to choose Way No.2 when you assemble the phone with wall mount brackets

- Connect power supply, power on the phone
- (Optional) If you has a headset, you could connect headset to realize headset function

1-3. General Appearance of 3195IB Phone

- LCD Display

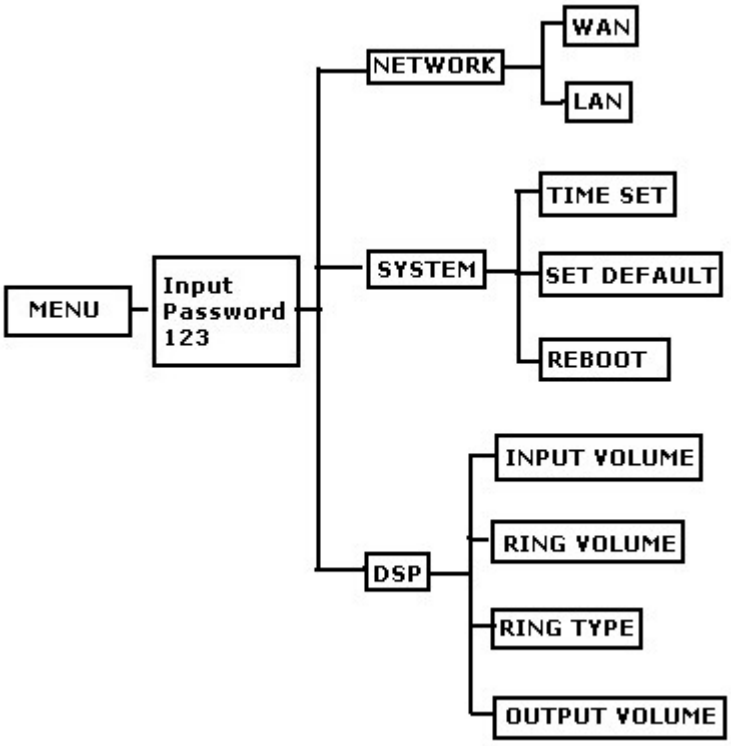


- Key Definitions

Key Button	Key Button Definitions
0 - 9, *, #	Digital, star and pound keys are also used for setting and call process.
	Function keys , functions as per silk print
	Menu: to enter the main menu
	Transfer: used for blind transfer, attended transfer and half attended transfer
	Conference: used for three party conference
	Hold: hold the active call. Or used to enable/disable DND function in idle status.
	Call List: browse the call logs
	Used to enter voice mail
	Phone Book: Enter to the phonebook to save/amend phone No., or to call out saved No.
	Navigation key: used as UP in menu or to increase handset / speakerphone volume
	Navigation key: used as DOWM in menu or to reduce handset / speakerphone volume
	Navigation key: used as LEFT in menu or to reduce handset/speaker volume
	Navigation key: used as RIGHT in menu or to increase handset/speaker volume
	Speaker: activate/deactivate hands-free function
	Redial: to dial a new number or redial previous outgoing call.
M1-M5	Speed dial: to make speed dial calls saved in them
	Used to enable or disable Mute function

Part Two Phone Interface Operation

Overview of 3195IB VoIP phone LCD Menu and Sub Menus



Note: When you press 【Menu】, you should input default password 123 to enter menu. During the configuration, press 【Menu】 to confirm or 【EXIT】 to quit

2-1. Adjust Volume

To adjust volume during a call

Press【 】or【 】to adjust receiver volume during a call

2-3. Manage Contact Lists

- Adding Contacts

Press【 】. Select Add. Edit Name and Number. Press【

】to Save or 【EXIT】to Quit

- Deleting Contacts

Press【 】. Choose Current to view saved contacts. Select the one you would like to delete
Press 【**DEL**】to delete

2-4. Make a Call

You could make regular calls or point to point calls with 3195IB

Note: All numbers would be dialed out from SIP1 as default. If you would like to dial out with SIP2, you need to set corresponding dial rules. Please refer to Web Interface Operation for dial rules details

Regular Call

- Input your desired number, end with # to dial out

Point to Point Call

- Input #Phone IP address**server port# to dial out. Use *(star) to replace .(dot)
  For example, IP of your desired side is 192.168.0.91, your server port is 5060. You should input #192*168*0*91**5060# to dial out

2-5. Redial a Number

- Redial incoming call

Press 【 】. Choose Received. Select your desired number. Pick up the handset or press 【 】to dial out

- Redial an outgoing number

Press 【 】. Choose Dialed. Select your desired number. Pick up the handset or press 【 】to dial out

You could press 【 】to dial out the last outgoing number

2-6. Activate Hold Function

During conversation, press 【 】to keep line, press it again to release

2-7. Make Conference Call

During conversation, press 【FL 】, then dial another number plus # button,

When line connectes, press 【FL 】and 【 】 to make conference call

2-8. Transfer a Call

There are three ways to transfer a call

Performing a Blind Transfer

Under this mode, the call would be transferred to the transferee without prior notice

During a call, press corresponding Transfer soft key. Do one of the following steps

- Input the tansferring number to transfer

- Press【 】. Get access to your desired number as LCD indicates, then press # to transfer

- Press【 】. Select the appropriate list, to get access to your desired number, press # to transfer

Performing a Half Attended Transfer

Under this mode, the call would be transferred after you make sure the transferring number is on line

During a call, press 【 】. Do one of the following steps

- Enter the number that you want to transfer the call to

- Press transfer soft key, then press【 】. Get access to your desired number as LCD indicates, then press #

- Press transfer soft key, then【 】. Select the appropriate list to get access to your desired number, press #

Press transfer soft key after you hear the back ring to accomplish transfer

Performing an Attended Transfer

Under this mode, the call would be transferred after you make sure the transferee would like to answer the call

During a call, press 【 】. Do one of the following steps

- Input the number which you want to transfer the call to

- Press transfer soft key, press【 】. Get access to your desired number, then press #

- Press transfer soft key, then press【 】. Select the appropriate list to get access to your desired number, then press #

Before completing the transfer, you could talk to the transferee, to see if he/she would like to answer. Press Transfer soft key if you get positive response. Otherwise, hang up the phone

2-9. Forward a Call

There are three modes for forwarding calls

- To forward all incoming calls to another phone number
- To forward incoming calls to another number when current phone is busy
- To forward incoming calls to another number when nobody answer the current phone number

Press 【Menu】→ Option → Call Forward →Choose Line or Line number as you desired → Edit

→Press【 】or【 】to choose Always/Busy/No answer as you desired

→ Press Save soft key to activate call forwadr

Follow above procedures and choose Off to disable call forward

2-10. Activate Do Not Disturb Function

On standby, press 【 】 to enable DND function. LCD would indicate Do Not Disturb. You would not be abled to answer incoming calls since they would be sent to Missed Calls list directly

To disable DND, press 【 】 again

2-11. Configure Speed Dial Keys

Press one speed dial key M1-M5

Press **【PH No./Edit】**, do corresponding name and number configuration

Press 【Menu】to Save

After above settings, you could press the speed dial key, pick up handset or press【 】to dial out

2-12. Voice Mail Function

Voice mail function could be used only if IP-PBX supports voice mail

When there is a voice mail, WMI indicating LED will flash. You could press dedicated key, then dial voice mail number to check voice massage

2-13. Edit Black/Limit List

Press 【

】

Choose Call Feature →Black-list or Limit-list

You could do corresponding Add/Edit/Delete settings according to LCD display

2-14. Reject a Call

When there is an incoming call, you could press 【ESC/REC 】to reject. It would be forwarded to your voice mail if you have configured voice mail

Part Three Web Interface Operation

You could get access to web configuration menu of 3195IF by inputting the phone's IP address to Web Browser Address Field. As the phone would obtain its IP automatically, by pressing 【**Local IP/DEL**】, you could see the phone's IP address

3-1.Logon Web

Below logon menu would pop up once you input the correct IP address and click enter

There are two logon modes

-As administrator account

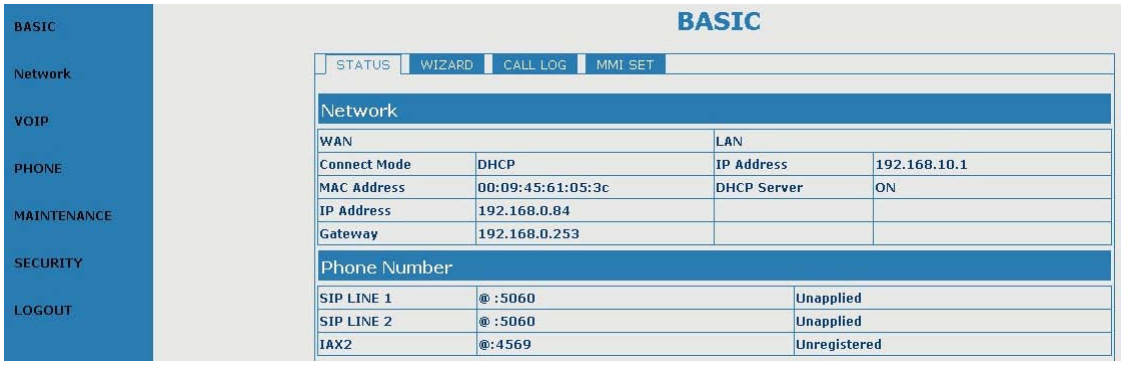
Default username & password is **admin**. You could configure the phone system with this account

-As guest account

Default username & password is **guest**. You could only have a browse of the phone system with this account

Note: Below configurations are based on administrator mode only.

Web would show as below once you logon in successfully



3-2.Basic

-STATUS

Network: Shows current WAN configuration of the phone.

Includes Connect Mode – DHCP/Static State/PPPoE, MAC Address, phone IP address

Phone Number: Shows the status of SIP accounts

-WIZARD

This is a quick guide for phone configuration. You could select Static IP/DHCP/PPPoE MODE. Then do corresponding configuration – SIP account & network, as you desired

-CALL LOG

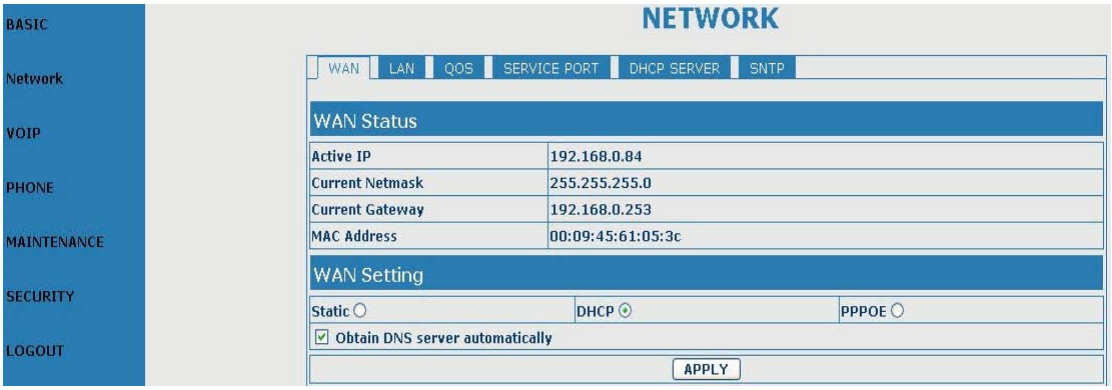
Show outgoing call log of the phone

-MMI SET

You could select LCD display language and set greeting messages here

3-3.Network

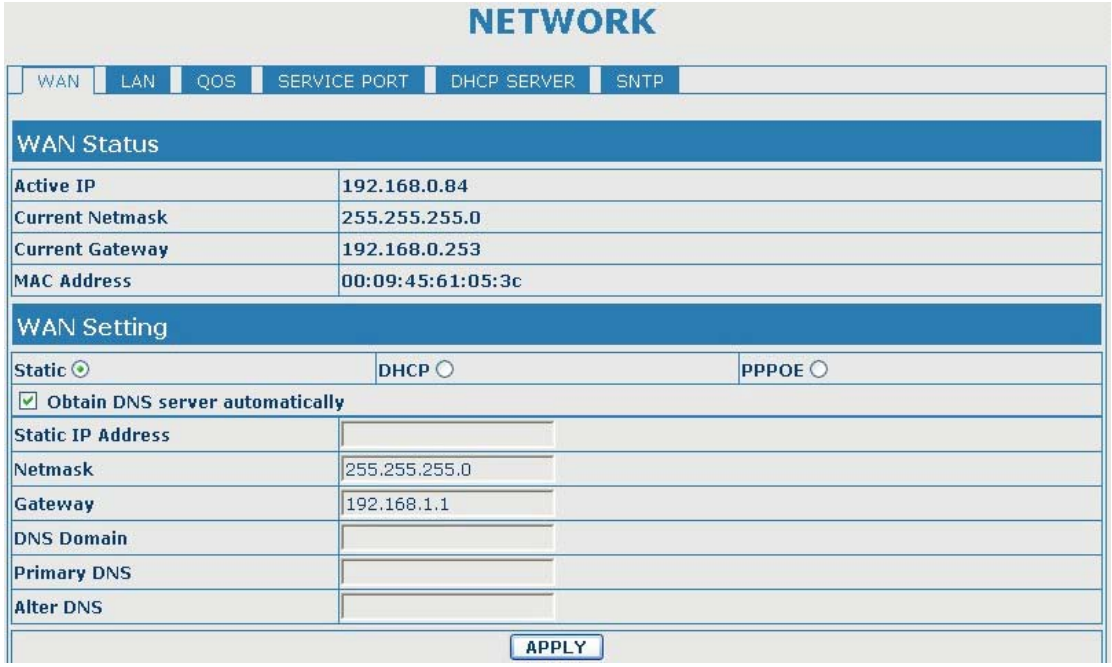
Choose Network of the left column to do network configuration. Web would show as below



-WAN

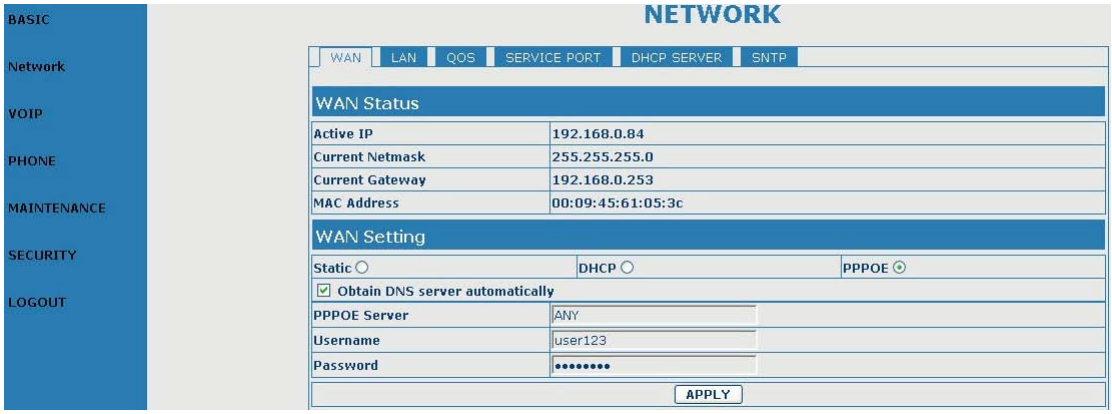
You could view current network mode of the phone on this page

If you choose Static: You could set network IP address, gateway, DNS etc. here



If you choose DHCP: IP address would be obtained automatically

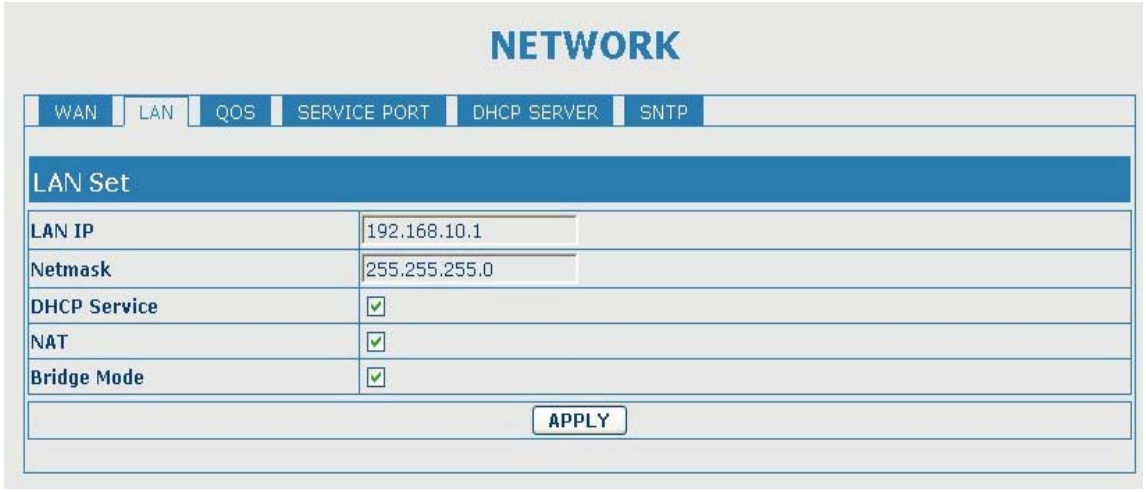
If you choose PPPoE: Once PPPoE ISP and the account are set, IP address would be obtained automatically



After above settings, you could switch Static/ DHCP/ PPPoE mode from phone unterface. Press number key 1 for sevaral seconds to switch to Static Mode, number key 2 is for DHCP mode, while number key 3 is for PPPoE Mode

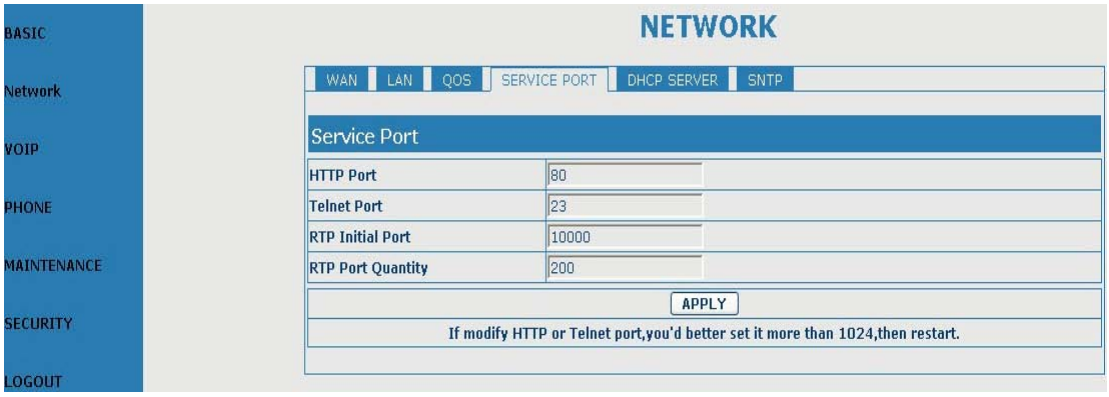
-LAN

You could view current LAN status and do corresponding settings



-SERVICE PORT

You could set Telnet, HTTP, RTP service port on this page



HTTP Port: To set web browse port. Default is 80. It is advisable that you change it into non-80 standard port if you would like to enhance system safety

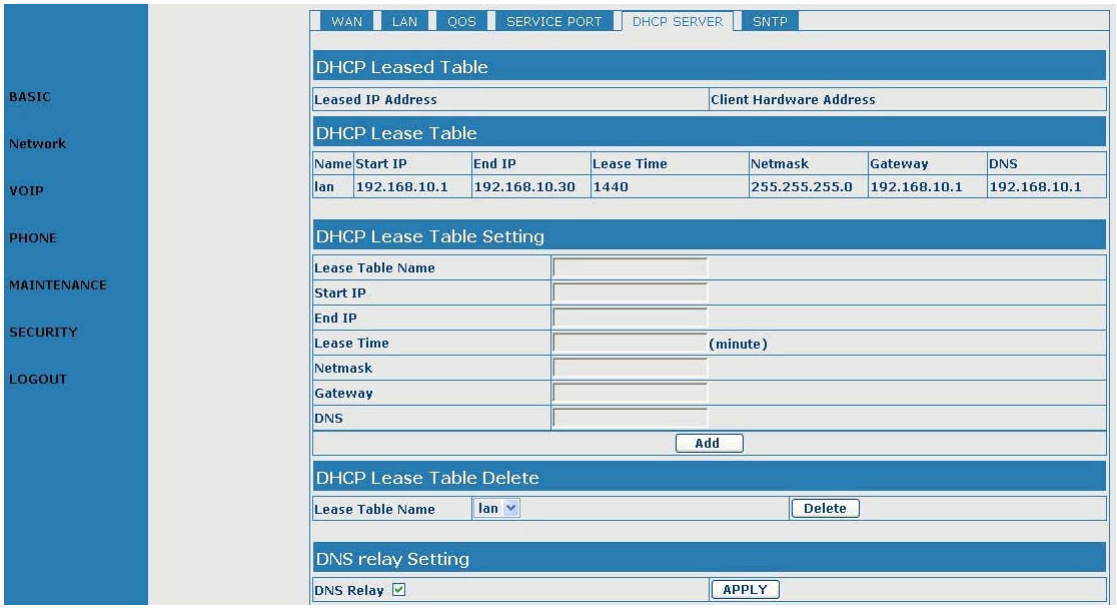
Telnet Port: To configure telnet port. Default is 23

RTP Initial Port: To configure RTP initial port. It would be obtained automatically

RTP Port Quantity: To configure maximum quantity of RTP port. Default is 200

-DHCP SERVER

You could set DHCP Lease Table here



-SNTP

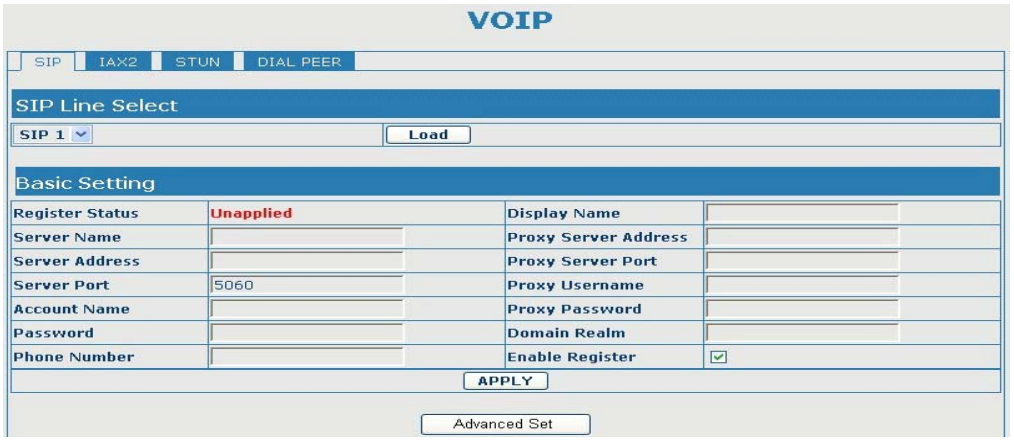
You could set SNTP as you desired. Once time zone is chosen, the phone's time and date would synchronize that of the corresponding time zone

You could set daylight time according to web indication

You could also set time and date of the phone manually, instead of setting SNTP

3-4.VOIP

Choose VOIP of the left column to do VoIP configuration. Web would show as below



-SIP

SIP Line Select: Choose the SIP you would like to configure and click **Load** to do corresponding SIP settings

Register Status: Indicating registration status of current SIP account

Server Name: Configure Server Name here. *Make it different between 2 SIP accounts*

Server Address: Configure Server Address or Domain Name

Server Port: Configure SIP server signal port

Account Name/Password/Phone Number: Input your SIP account/password/phone number. Usually, Phone Number should be the same as Account Name

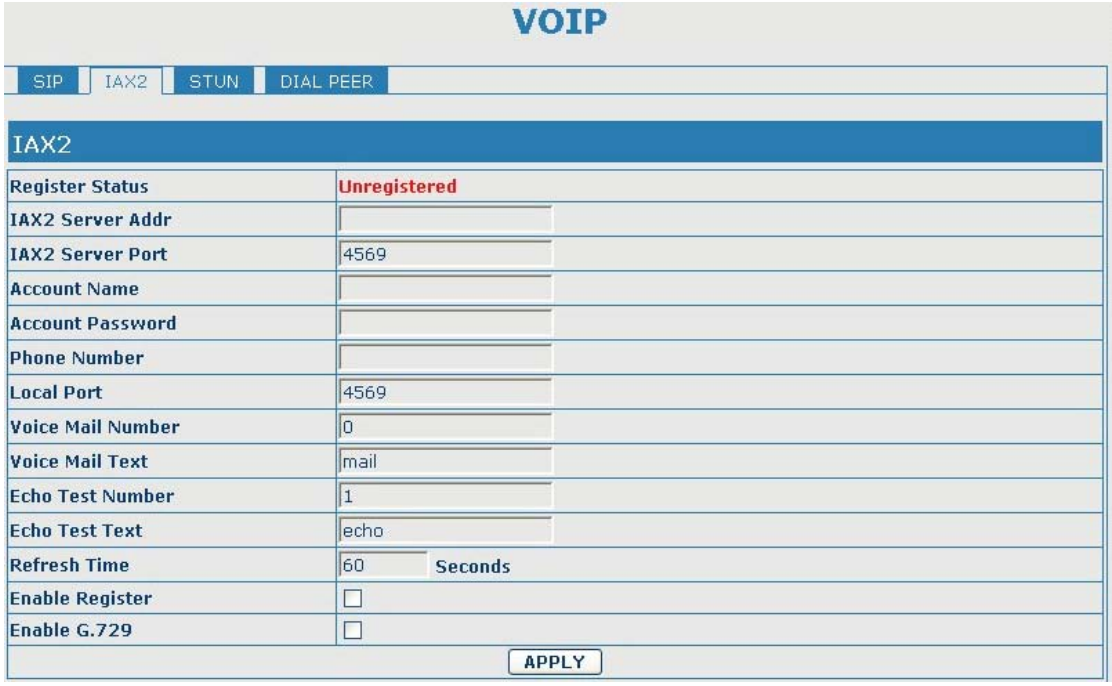
Right column is to be configured if you have special needs

Advanced Set: Click to do advance SIP settings

Note: For basic usage of SIP, you just need to configure Server Address, Account Name, Password and Phone Number. After above settings, choose Enable Register. Then click Apply to submit settings.

-IAX2

You could do IAX2 configuration here



Register Status: Indicating IAX2 registration status

IAX2 Server Addr: Configure IAX2 Server Addr. You could also input the corresponding domain name

IAX2 Server Port/Local Port: Set IAX2 server port/local port. The default is 4569

Account Name/Account Password/Phone Number: Do corresponding settings

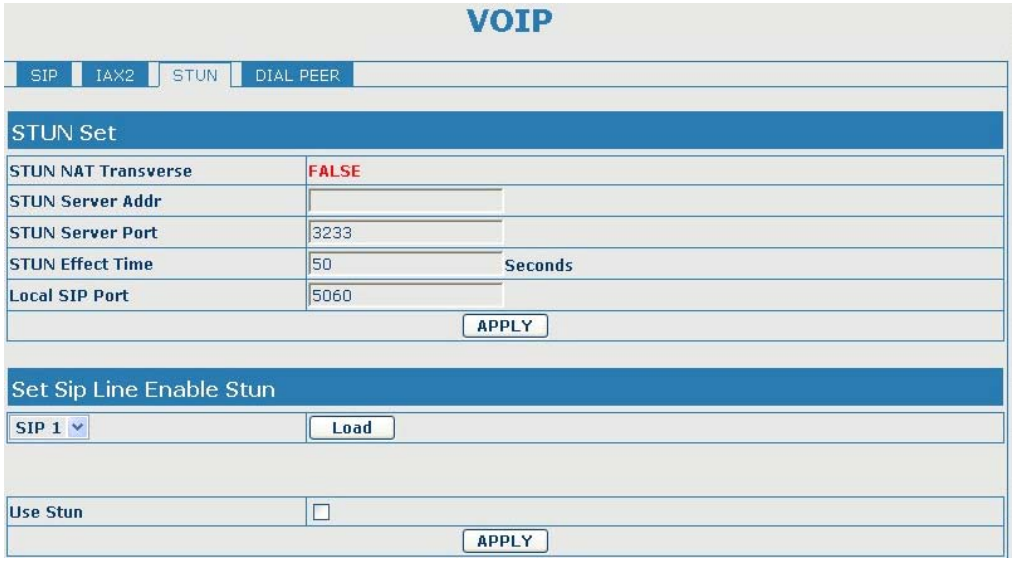
Voice Mail Text: If IAX2 supports voice mail, you could set voice mail name here

Voice Mail Number: Because phone keypad could not input letters when you try to get access to voice mail box, you could set a number in this field, which would stands for Voice Mail Text

Refresh Time: Set refresh time as you desired

Choose Enable Register/Enable G.729, then click **Apply** to submit

-STUN



STUN Set

STUN NAT Transverse: Indicating status of STUN NAT transverse

STUN Server Addr/STUN Server Port/STUN Effect Time: Set corresponding items. Click **APPLY** to submit

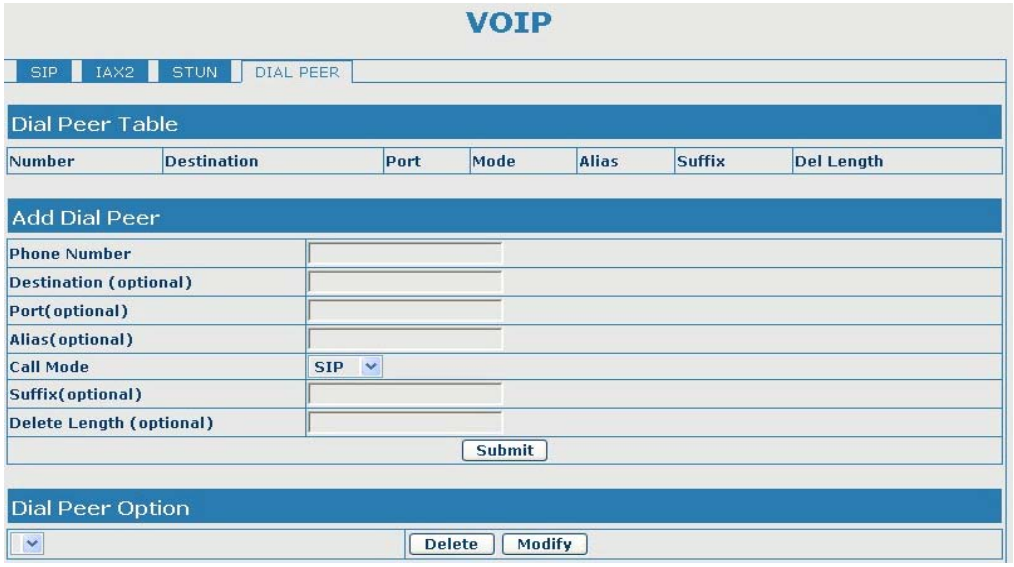
Set Sip Line Enable Stun

Choose your desired SIP and click **Load**

Choose Use Stun, then click **APPLY** to submit

-DIAL PEER

You could add/modify/delete dial peer here



Dial Peer Table: Indicating the dial peer that you set

Add Dial Peer: Set new dial peer as per indication

Phone Number: You could set phone number as below two forms, maximun 30 digits

1) As exact matching

When you dial the set phone number, the phone would call to the set destination directly. This is peer to peer call. For example, set phone number as **456**, destination is **192.168.0.24**

Dial Peer Table

Number	Destination	Port	Mode	Alias	Suffix	Del Length
456	192.168.0.24	5060	SIP	no alias	no suffix	0

When you dial **456**, it would be calling to **192.168.0.24**

2) As prefix matching

When you dial the set phone number, the phone would call from corresponding SIP account

For example, set phone number as **789*******(10 digits), destination is **0.0.0.0**(SIP 1)

Dial Peer Table

Number	Destination	Port	Mode	Alias	Suffix	Del Length
789*******	0.0.0.0	5060	SIP	no alias	no suffix	0

When you dial a 10 digits number starting with 789, the phone would call out from SIP 1

Destination: Set target IP here if you choose to set phone number as exact matching.

If you choose to set as prefix matching, you should set SIP account that you would like to use to dial out this number. SIP 1 is 0.0.0.0 while SIP 2 is 255.255.255.0. If left empty, the phone would call out from SIP 1 as default.

Port: Default is 5060

Alias: You could do alias configuration here. There are 4 types as below. If there is no configuration, **no alias** would be shown

Note: When doing below settings, you could only input x as lower-case letter

1) add:xxx

When you dial correspnding number, phone would add XXX in front of the dialed number automatically

For example, phone number is **134*****, destination is **255.255.255.0**, alias is **add:01**

Dial Peer Table

Number	Destination	Port	Mode	Alias	Suffix	Del Length
134*****	255.255.255.0	5060	SIP	add:01	no suffix	0

When you dial an 8 digits number starting with 134, the phone would call to 01134***** from SIP 2

2) all:xxx

When you dial the set number XXX, phone would dial out the corresponding number. This is similar with setting speed dial keys. For example, phone number is **1234567**, destination is **0.0.0.0**, alias is **all:234**

Dial Peer Table

Number	Destination	Port	Mode	Alias	Suffix	Del Length
1234567	0.0.0.0	5060	SIP	all:234	no suffix	0

When you dial 234, the phone would call to 1234567 directly from SIP 1

3)rep:xxx

When you dial set number, the first several digits would be replaced by **xxx**. For example, phone number is **1T** (T stands for whatever number with any length), destination is **255.255.255.0**, alias is **rep:95166**, delete length is **1**

Dial Peer Table

Number	Destination	Port	Mode	Alias	Suffix	Del Length
1T	255.255.255.0	5060	SIP	rep:95166	no suffix	1

When you dial out a random number starting with 1, like **12345**, the phone would replace 1 with **96166** and call to **951662345** from SIP 2

4)del:xxx

xxx indicates length. When you dial set number, the first several digits would be deleted

For example, phone number is **12345******, destination is **255.255.255.0**, alias is **del**, del length is **3**

Dial Peer Table

Number	Destination	Port	Mode	Alias	Suffix	Del Length
12345****	255.255.255.0	5060	SIP	del	no suffix	3

When you dial out a 9 digits number starting with 12345, the phone would delete **123** and call to **45****** from SIP 2

Call Mode: You could choose your desired call mode, SIP or IAX2

Suffix: You could set suffix for the dial number,

For example, phone number is **1T** (T stands for whatever number with any length), suffix is **3**

Dial Peer Table

Number	Destination	Port	Mode	Alias	Suffix	Del Length
1T	0.0.0.0	5060	SIP	no alias	3	0

When you dial out a random number starting with 1, like **12345**, the phone would add 3 at the end of dialed number and call to **123453**

Delete Length: Configure digit length that would be replaced or deleted under corresponding **rep:xxx** or **del:xxx** alias settings. For example, phone number is **1T** (T stands for whatever number with any length), alias is **rep:010**, delete length is **1**

Dial Peer Table

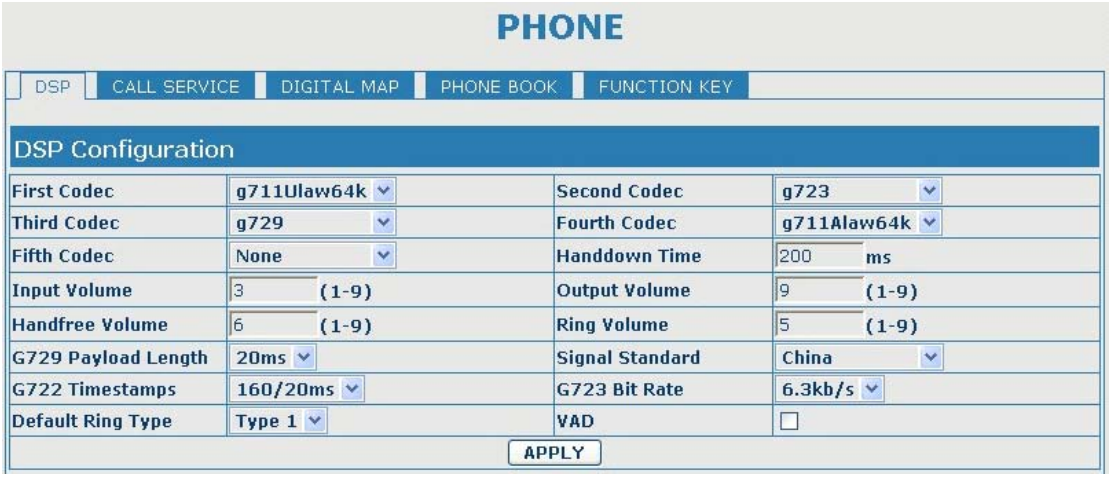
Number	Destination	Port	Mode	Alias	Suffix	Del Length
1T	0.0.0.0	5060	SIP	rep:010	no suffix	1

When you dial out a random number starting with 1, like **12345**, the phone would delete the first number, replace it with **010**, and call to **01023453**

Dial Peer Option: Select the dial peer you would like to delete/modify. Then click **Delete/Modify** to do corresponding configuration

3-5.PHONE

Choose PHONE of the left column to do phone configuration. Web would show as below:



-DSP

Set DSP configuration as you desired

First – Fifth Codec: Set the priority level of codecs

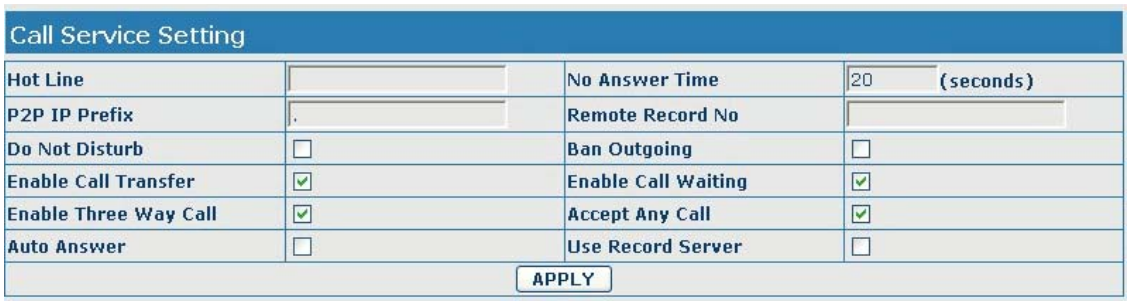
When you make a call, the phone would use set first codec to match the other party. If fail or not found, the phone would use second codec to match, etc.

Signal Standard: Choose the signal standard according to your needs or preferance

VAD: Science detection. If activate, G.729 Payload Length maximum is 20ms

-CALL SERVICE

You could configure relevant call service here



Call Service Setting

Hot Line: Configure hot line number. If configured, the phone would dial out the set number once you pick up the phone. You could not dial other numbers if hot line number is set

No Anwer Time: Configure no answer time.While set, when there is an incoming call, the phone would hang up automatically if nobody answers the call within the set time

P2P IP Prefix: Configure prefix for peer to peer call

For example, the IP you are calling to is 192.168.0.23. If you set 192.168.0 as P2P IP Prefix, you could just dial #23 to call out

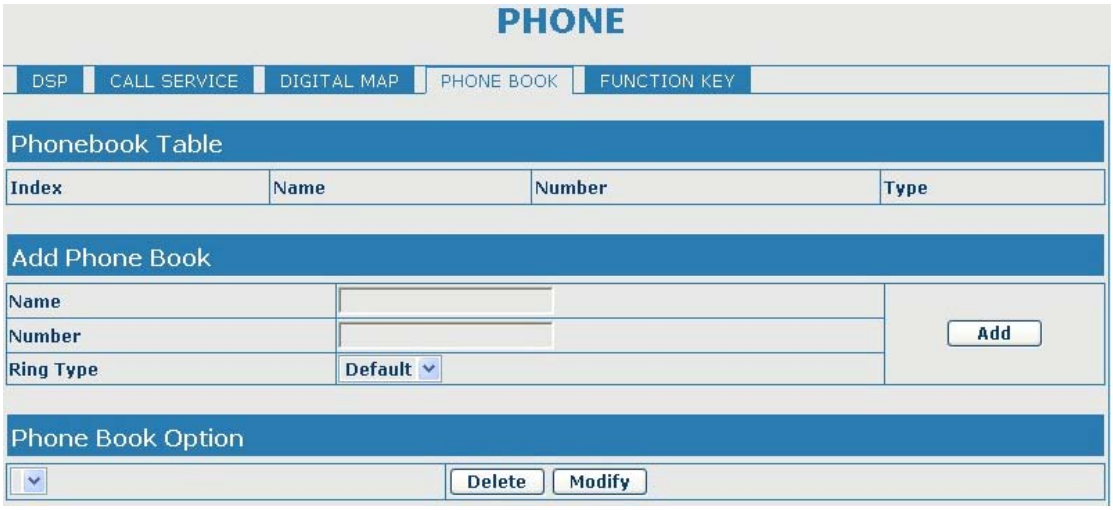
Do Not Disturb: Choose to activate do not disturb function. Under this mode, the phone would reject every incoming call

Black List: You could add black list (the number you don't want to receive phone call from) or delete black list here

Limit List: You could add limit list (the number you don't want the phone to dial out) or delete limit list here

-PHONE BOOK

You could also set phone book through this web configuration



Phonebook Table: Indicating the phone number information that you set

Add Phone Book: Add name/number/ring type for the new phone book

Phone Book Option: You could select the item that you would like to delete/nodify

-FUNCTION KEY

You could do configuration of 5 memory keys here

Name: Input name for the corresponding phone number

User ID: Input the phone number that you would like to store for corresponding Name and memory key

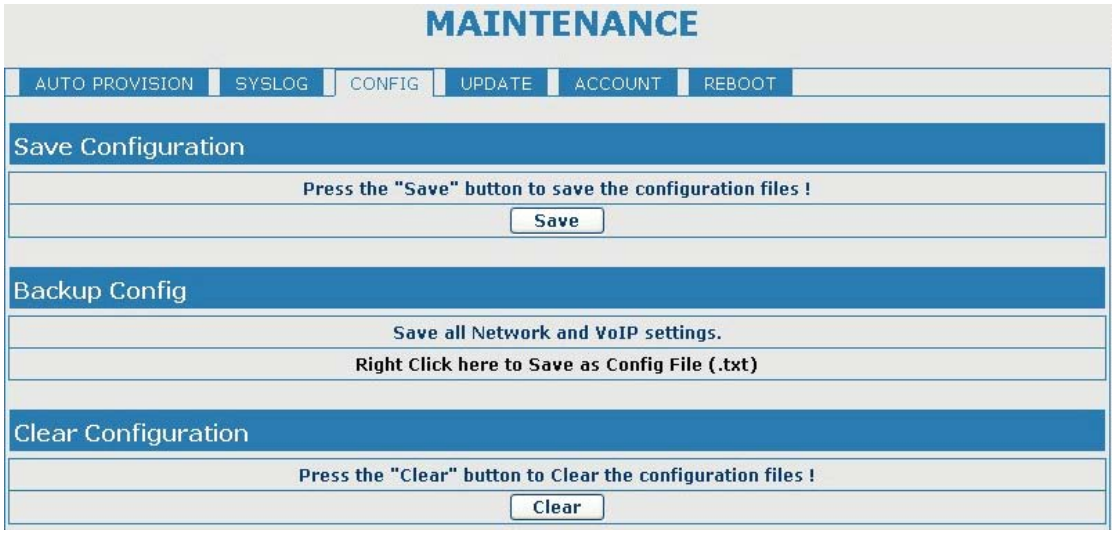
3-6.MAINTENANCE

Choose MAINTENANCE of the left column to do maintenance configuration. Web would show as below

-AUTO PROVISION

You could see and configure update settings according to your needs

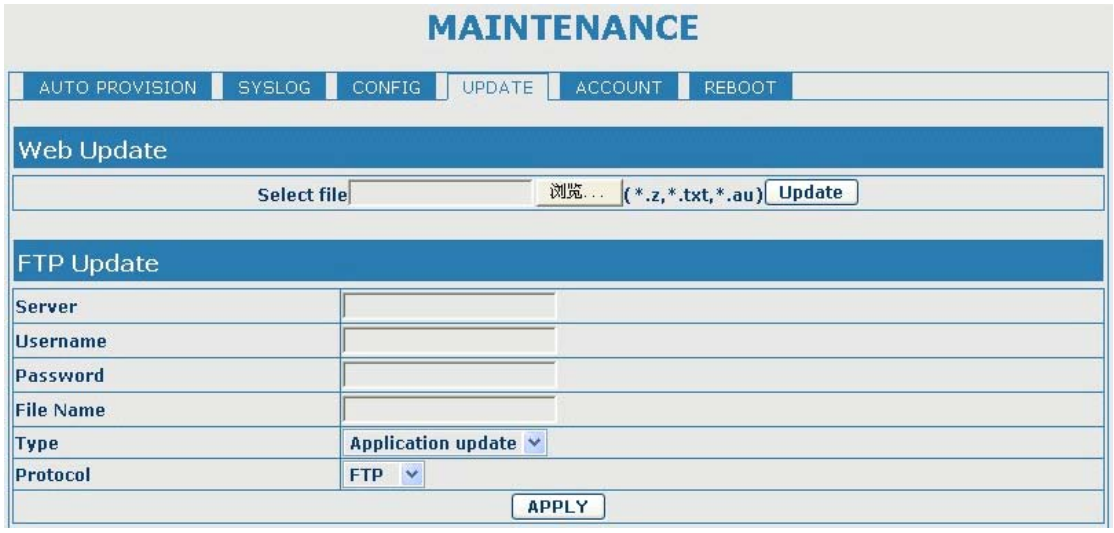
-CONFIG



You could save/clear configuration by clicking corresponding buttons as web indication

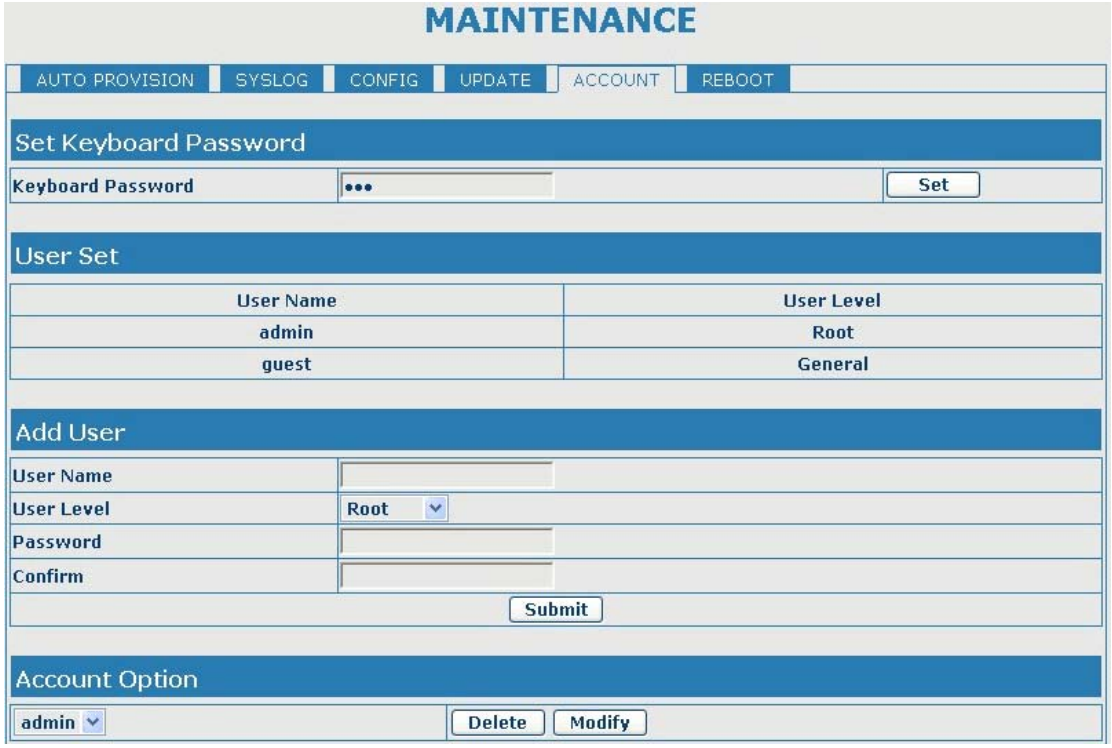
Note: Clear Configuration means to reset the phone to default status.

-UPDATE



You could update firmware through Web or FTP, following corresponding indication on web page

-ACCOUNT



Set Keyboard Password: This is the password to enter phone interface operation. Default is **123**. You could change and save the setting

Add User: You could add new user

User Level: Root refers to administration account while General refers to guset account

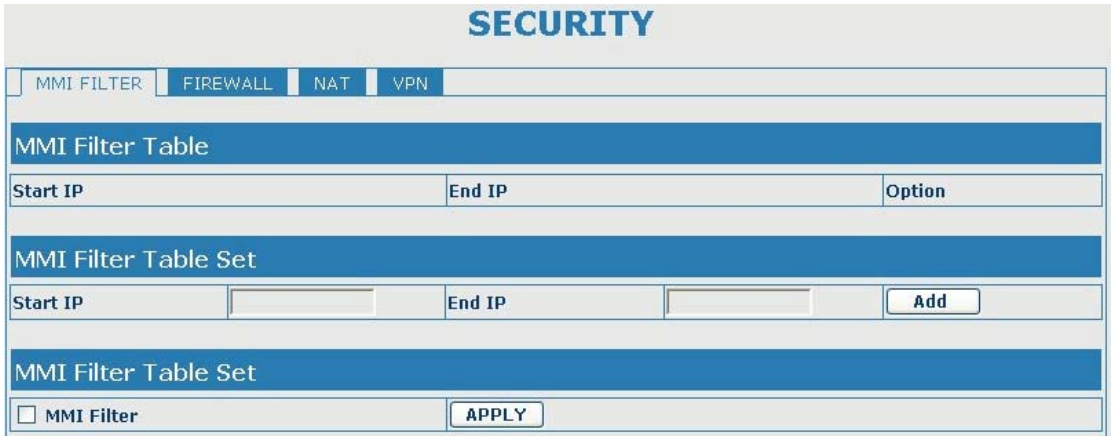
Account Option: You could delete or modify the saved account here

-REBOOT

You could reboot the phone by clicking **Reboot** button

3-7.SECURITY

Choose SECURITY of the left column to do security configuration. Web would show as below

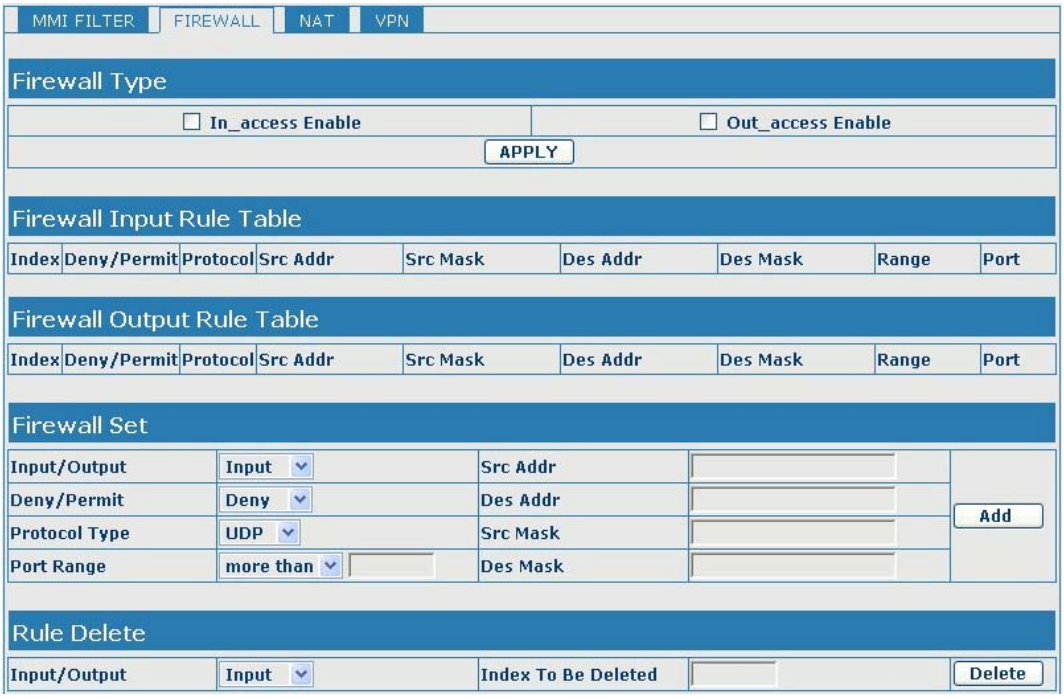


-MMI FILTER

MMI Filter Table Set: You could add MMI Filter Table. Then choose to enable or not

MMI Filter Table: Display the set MMI Filter Table. You could modify or delete added items

-FIREWALL



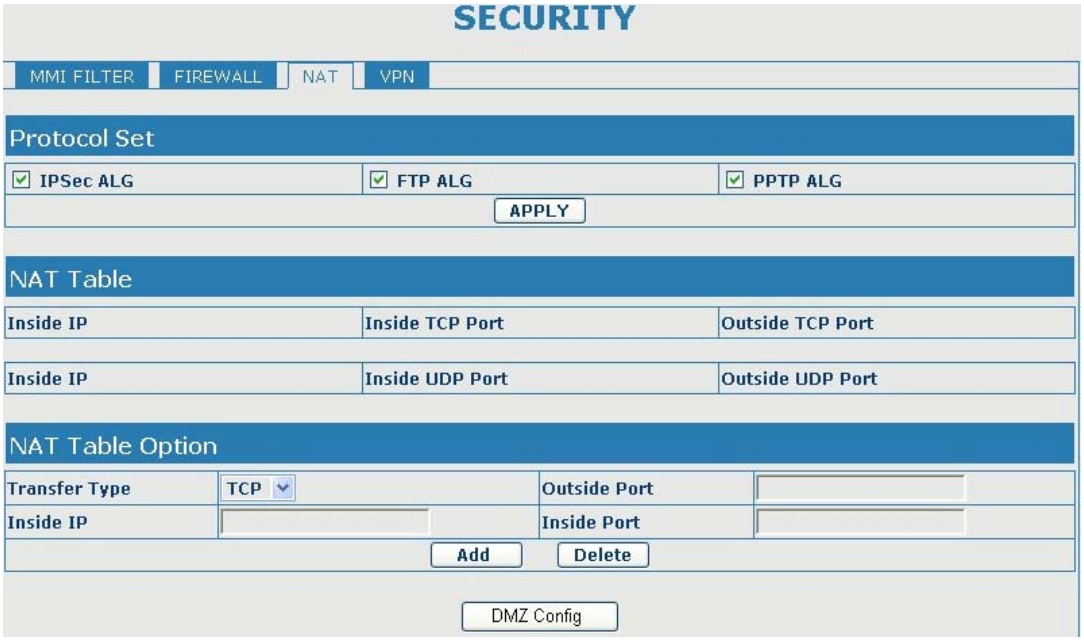
Firewall Type: You could select firewall type and apply

Firewall Input/Output Rule Table: Yo could see the set rules here

Firewall Set: You could set firewall according to your needs

Rule Delete: You could choose the set input/output rule and delete

-NAT



Protocol Set: Set the corresponding protocol

NAT Table Option: You could set NAT following web indication

NAT Table: You could see the added NAT

DMZ Config: Click to enter DMZ configuration interface

-VPN

VPN IP: Display the phone's VPN IP

VPN Mode: Select VPN mode and choose enable

Configure UDP Tuunel or L2TP correspongdingly, click apply to submit the settings

Safety Notices

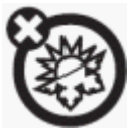
To care for your product, please keep it away from:

Liquids of any kind

Don't expose your product to water, rain, extreme humidity, sweat, or other moisture.

Dust and dirt

Don't expose your product to dust, dirt, sand, food, or other inappropriate materials.



Extreme heat or cold

Avoid temperatures below -10°C/14°F or above 45°C/113°F.

Cleaning solutions

To clean your product, use only a dry soft cloth.

Don't use alcohol or other cleaning solutions.

Microwaves

Don't try to dry your product in a microwave oven.

The ground

Don't drop your product.